

Document made available under the Patent Cooperation Treaty (PCT)

International application number: PCT/US2004/015949

International filing date: 21 May 2004 (21.05.2004)

Document type: Certified copy of priority document

Document details: Country/Office: US
Number: 60/481,807
Filing date: 17 December 2003 (17.12.2003)

Date of receipt at the International Bureau: 11 June 2007 (11.06.2007)

Remark: Priority document submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b)



World Intellectual Property Organization (WIPO) - Geneva, Switzerland
Organisation Mondiale de la Propriété Intellectuelle (OMPI) - Genève, Suisse



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

June 05, 2007

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE.

APPLICATION NUMBER: 60/481,807

FILING DATE: *December 17, 2003*

RELATED PCT APPLICATION NUMBER: PCT/US04/15949

THE COUNTRY CODE AND NUMBER OF YOUR PRIORITY APPLICATION, TO BE USED FOR FILING ABROAD UNDER THE PARIS CONVENTION, IS *US60/481,807*




Certified by

Under Secretary of Commerce
for Intellectual Property
and Director of the United States
Patent and Trademark Office

APPLICATION DATA SHEET

Electronic Version v14

Stylesheet Version v14.0

Title of Invention	METHOD FOR A RANDOM-BASED DECISION-MAKING PROCESS	
Application Type : provisional, utility Attorney Docket Number : 463.1029PRO		
Correspondence address: Customer Number: 33369		
		
Inventor Information: <u>Inventor 1:</u> Applicant Authority Type: Inventor Citizenship: SE Given Name: Hugo Family Name: Cedraeus Residence: City of Residence: Bromma Country of Residence: SE Address-1 of Mailing Address: Gronviksvagen 187 Address-2 of Mailing Address: City of Mailing Address: 167 76 Bromma State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: SE Phone: Fax: E-mail:		

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	METHOD FOR A RANDOM-BASED DECISION-MAKING PROCESS							
<p>Application Number :</p> <p>Date :</p> <p>First Named Applicant: Hugo Cedraeus</p> <p>Confirmation Number:</p> <p>Attorney Docket Number: 463.1029PRO</p>								
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I , the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>								
<table border="1"><thead><tr><th data-bbox="131 993 773 1031">Submitted By:</th><th data-bbox="773 993 1112 1031">Elec. Sign.</th><th data-bbox="1112 993 1414 1031">Sign. Capacity</th></tr></thead><tbody><tr><td data-bbox="131 1031 773 1108">Rolf Fasth Registered Number: 36999</td><td data-bbox="773 1031 1112 1108">/rfasth/</td><td data-bbox="1112 1031 1414 1108">Attorney</td></tr></tbody></table>			Submitted By:	Elec. Sign.	Sign. Capacity	Rolf Fasth Registered Number: 36999	/rfasth/	Attorney
Submitted By:	Elec. Sign.	Sign. Capacity						
Rolf Fasth Registered Number: 36999	/rfasth/	Attorney						

Documents being submitted:	Files
us-request	4631029PRO-usrequ.xml us-request.dtd us-request.xsl
us-fee-sheet	4631029PRO-usfees.xml us-fee-sheet.xsl us-fee-sheet.dtd
application-body	4631029PRO-trans.xml us-application-body.xsl application-body.dtd wipo.ent mathml2.dtd mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsn.ent isoamso.ent isoamsr.ent isogr3.ent isomfrk.ent isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd figs1and2.tif figs3and4and5and6.tif
Comments	

Description

METHOD FOR A RANDOM-BASED DECISION-MAKING PROCESS

BACKGROUND OF INVENTION

[0001] The present invention relates to a random-based decision-making process that may be operated on a communication device such as a mobile telephone.

[0002] In today's society people must make many decisions of which the outcome of some of the decisions is not really important. The increased information flow requires people to make more quick decisions. However, although the choices are very similar and it does not make any difference which choice is selected, people tend to spend time and effort to make best decisions anyway. This may cause harmful stress and reduce the quality of life. Efforts have been made to create complicated algorithms that attempt to make rational decisions and that strive to eliminate any randomness in the decision making process. The routine decision-making process may also lead to a monotonous

lifestyle.

[0003] In many situations there is a need for making decisions that are, at least partially, based on randomness and not on any rationality. For example, everyday chores are filled with a great number of choices and decision-making situations. In a majority of such decisions the consequences of the decision made are of little importance. For example, the consequence of eating spaghetti or macaroni is of little or no importance. It is therefore not particularly useful to allocate any resources and effort when making those decisions to avoid stress and other negative results. In this way, the accumulated effect of all the unimportant decisions that are made may lead to harmful stress. Individuals or patients with obsessive-compulsive disorders often develop complicated rituals of everyday routines that are time consuming and a burden both to the individual and the surrounding. These rituals are often very difficult for the individual to break up without an external support. The routine decision making process may also lead to lifestyles that hinder creative thinking. Some public personalities, such as film stars and politicians, may fall into the trap of following the same daily routines thus making them more vulnerable to attacks, kidnappings and

other criminal acts because their behavior is predictable. In some situations, it is advantageous to provide a surprise such as in a war situation or when competing against competitors in a fiercely competitive market. It makes the behavior less predictable. A change in the everyday routines may also add excitement to the daily life. There is also a need for a method to reduce the unnecessary and harmful stress and to provide a more interesting lifestyle.

SUMMARY OF INVENTION

[0004] The method of the present invention provides a solution to the above-outlined problems. More particularly, the method of the present invention is for a random-based decision-making process. A handheld or stationary communication device is activated and a basic main menu is displayed. In a selecting step a random generating item is selected from the menu. The variables are then defined and the variables may be provided with different weighing factors. A random generator generates a random result based on the weighed variables. The random result is presented in the communication device. The presentation may be at a random time, a specific time or right after the generation of the result. The user may then act based on

the randomly generated result.

BRIEF DESCRIPTION OF DRAWINGS

- [0005] Fig. 1 is a schematic view of a flow chart of the method of the present invention;
- [0006] Fig. 2 is a schematic illustration of a menu of the present invention;
- [0007] Fig. 3 is a schematic front view of a communication device used by a user;
- [0008] Fig. 4 is a schematic front view of the communication device showing a roulette menu;
- [0009] Fig. 5 is a schematic front view of the communication device showing a number menu; and
- [0010] Fig. 6 is a schematic front view of the communication device showing a customized menu.

DETAILED DESCRIPTION

- [0011] With reference to Figs. 1–6, the method 10 of the present invention provides the user the possibility of making weighed or un–weighed random–based decisions at any time. The user may make any decision in life random–based.
- [0012] The user or users 14, as shown in Fig. 3, may first activate a communication device 16 in an activation step 18 (see

Fig. 1) to run a random generating program 19. The program 19 may either be preinstalled in the communication device 16 or be downloadable from a web page or any other suitable program source. For example, when the user is in a new town, the user may display a list of restaurants/theaters in the area and have the device 16 randomly generate to which restaurant/theater the user could go. The list may include selected, un-selected or pre-selected restaurants. It is also possible to select sub-groups within the database.

[0013] The communication device may be a mobile telephone, mobile or stationary computer, PDA or any other suitable device that may be used to run the random generating program 19. The activation may take place when the user would like to make a random-based decision. For example, when the users do not agree and would like the program 19 to make the decision for them.

[0014] Upon activation, the communication device 16 displays a basic main menu 70 including random generating items, as partially shown in Fig. 3. It may also be possible to expand the menu 70 by included additional categories that may be added from external databases, as described in detail below.

[0015] Fig. 2 shows an illustrative example of the basic main menu 70 that includes categories such as a yes/no item 72, time item 74, day-of-week item 76, date item 78, month item 80, 1X2 item 82, right/left 81, and a loves/loves not item 79. It should be understood that the menu 70 is only used as an illustrative example and the menu may vary greatly according to the intended use and user. As best shown in Fig. 4, a roulette item 84 includes a second menu 85 with red/black 86, odd/even 88 and 0-36 numbers 90. When activating the roulette item 84, it is sufficient to select one of the options in the second menu 85.

[0016] The item 72 may simply be used to randomly answer yes or no to a question. The time item 74 may be used to generate a random time that may be within a predetermined time interval. It may also be possible to define several time intervals and give each time interval a weight factor. The day-of-week item 76 may be used to randomly generate a week day. The date item 78 may be used to randomly generate a date. The month item 80 may be used to randomly generate a month. The 1X2 item 82 may be used for betting such as predicting future soccer results. The right/left item 81 may be used to ran-

domly select between left and right. The device 16 may also be connected to a GPS unit to randomly select directions for the user. The loves/loves not item 79 may be used to randomly determine if a person loves another person or not.

[0017] The menu also includes number series 92, number groups 94 and own choices 100. Most of the categories on the menu 70 may be used to generate a random result right away. However, the categories time 74, roulette 84, number series 92, number groups 94 and own choices 100 may be set up to produce a second menu. Regarding number series 92 the device 16 displays a menu 87, as shown in Fig. 5, so that the user may create a number interval ranging from a start value 89 to an end value 91. The device may then generate a random number in the predefined number interval defined by the values 89, 91. The number groups 94 relate to defining number groups, such as 3, 7, 15, so the device may generate a random number from the numbers in the number group. Any number sequences could be included in the number groups 94.

[0018] If the user selects the own choice item 100, the variables that are inserted into a menu 102 may be fish, sausage or

pizza, as shown in Fig. 6, or any other variables. In this way, the device 16 may generate a random result so that the user does not have to decide what to eat. It may also be possible to affect the outcome of the random generation by adding the same item more than once into the menu 102 to increase the chances for that item to be selected in the random generation process.

[0019] The program 19 may be adapted so that the user may simply go into another database and select the desired items such as stocks from a stock exchange list. The device 16 may then generate a random result based on the selected stock items to produce a stock that the user could buy.

[0020] In this way, the communication device 16 displays the main-menu 70 in a displaying step 71. In a selecting step 73, the user selects a random generating item 72, 74, 76, 78, 80, 82, 84, 92, 94, 81, 79, 100 from the menu 70. As mentioned above, the menu 70 may be modified, as desired, by including external databases or by changing the content of the menu itself.

[0021] In a definition step 20, the user defines the variables 21 of the decision making process 23. In an obtaining step 22, the user may decide whether more variables should be

obtained from an outside source. If so, a search 24 may be conducted in a database 26 to find additional variables 27. In a selection step 28, the user may select the variables 30 that are to be included in the decision making process. The databases 26 may be adapted or customized to certain users so that young females may prefer databases that are different from databases selected by middle-aged men.

[0022] In a weighing step 32, the user may give the variables 30 a different weight so that the variables with the highest weight are most likely to be generated in a random generator. In an adding weighing factor step 34, the user may assign each variable 30 with a different weight factor 36 before sending the weighed variables to a random generating step 38. For example, the user may give certain variables a higher weight factor to increase the likelihood of being generated because the consequences of the variables are desirable. Of course, the user may also give variables with less desirable consequences a lower weight factor. If no weighing is needed the variables may be sent directly from the step 32 to the generating step 38.

[0023] In the generating step 38, a random result 40 is generated using a random generator 42. The user may decide to run

the generating step more than once so that a different random result is generated. The result 40 may be presented in many different ways. In a random time step 44, it is determined whether the result should be presented at a random time or not. If so, the result is presented at a random time 47 in a presenting step 46 upon which the user may act in an acting step 48.

[0024] In a specific time step 50, it is determined whether the result should be presented at a specific time or not. If so, the result is presented at a specific time 52 in a presenting step 54. The user may then act upon the result in an acting step 56. If the result is neither to be presented at a random time nor at a specific time, the result may be presented right away in a presenting step 58 upon which the user may act in an acting step 60.

[0025] It may also be possible to include additional users so that each user, for example, adds an item on the menu 100, or any other menu, before the device 16 generates a random result. It may also be possible for the users to be located in different locations, such as Stockholm, Paris and Arizona, and use either the mobile telephone network or Internet to communicate and to see the randomizing process on their respective displays, in real time.

[0026] The device 16 may also display randomly chosen pop-up messages that the user may want to see. The messages may be displayed at random times as desired. The pop-up messages may also be used to prevent the user from doing something, such as eating or smoking or to break up established or compulsive routines.

[0027] While the present invention has been described in accordance with preferred compositions and embodiments, it is to be understood that certain substitutions and alterations may be made thereto without departing from the spirit and scope of the following claims.

Claims

- [c1] 1. A method of using a random based decision making process, comprising:
activating a communication device (16);
in a displaying step (71) the communication device (16) displaying a menu (70);
in a selecting steps (73) selecting a random generating item (72, 74, 76, 78, 80, 82, 84, 92, 94, 81, 79, 100) from the menu (70);
defining variables (21) of a decision making process (23);
providing the variables (21) with different weighing factors (36);
inputting the weighed variables to the selected random generating item;
a random generator (42) generating a random result (40) based on the weighed variables; and
presenting the random result (40) in the communication device (16).
- [c2] 2. The method according to claim 1 wherein the method further comprises searching a database (26) for additional variables (27).
- [c3] 3. The method according to claim 2 wherein the method

further comprises selecting variables (30) in a selecting step (28) from the variables (27).

- [c4] 4. The method according to claim 1 wherein the method further comprises presenting the result (40) at a random time (47).
- [c5] 5. The method according to claim 4 wherein the method further comprises the user (14) acting on the result (40) at the random time (47).
- [c6] 6. The method according to claim 1 wherein the method further comprises presenting the result (40) at a specific time (52).
- [c7] 7. The method according to claim 6 wherein the method further comprises the user (14) acting on the result (40) at the specific time (52).
- [c8] 8. The method according to claim 1 wherein the method further comprises adding a starting value (89) and an end value (91) for a number series (92).
- [c9] 9. The method according to claim 1 wherein the method further comprises selecting an own choice item (100) from the menu (70) and adding items to a menu (102).
- [c10] 10. The method according to claim 1 wherein the method further comprises adding weighing factor to the

items of the menu (102).

METHOD FOR A RANDOM-BASED DECISION-MAKING PROCESS

Abstract

The method is for a random-based decision making process. A communication device (16) is activated and a menu (70) is displayed. In a selecting step (73) a random generating item (72, 74, 76, 78, 80, 82, 84, 92, 94, 81, 79, 100) is selected from the menu (70). The variables (21) are then defined and the variables may be provided with different weighing factors (36). A random generator (42) generates a random result (40) based on the weighed variables. The random result (40) is presented in the communication device (16). The presentation may be made at a random time, a specific time or right after the generation of the result.

Fig. 1

10

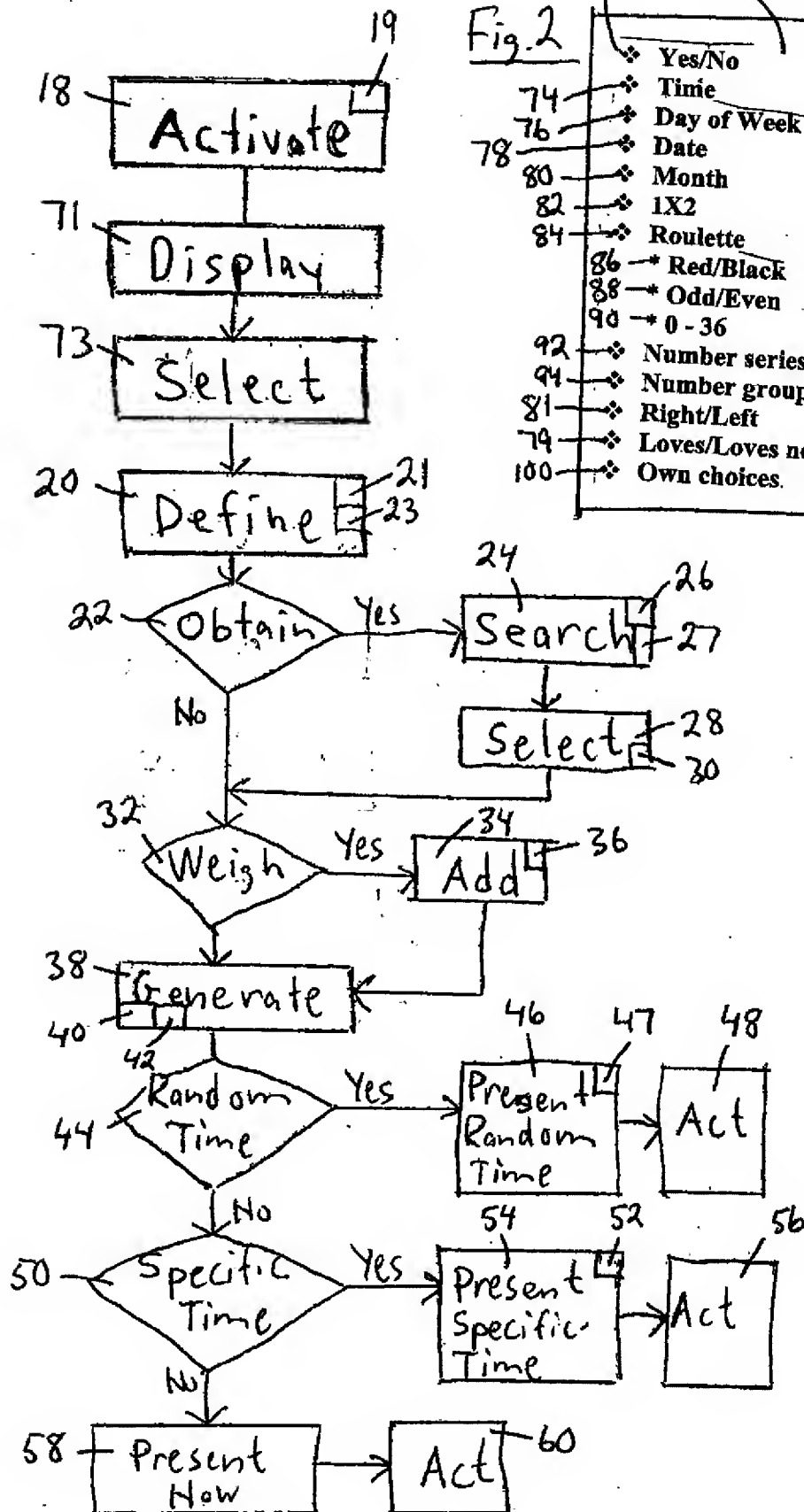
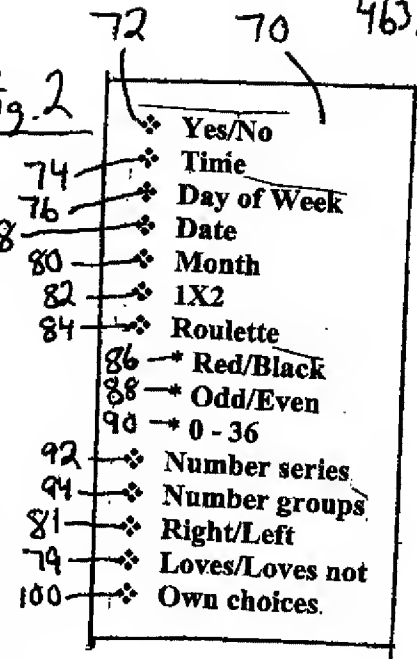
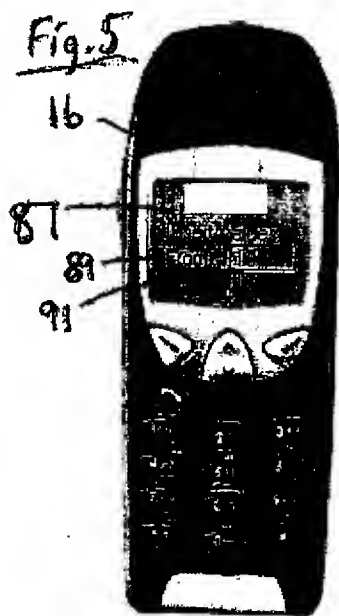
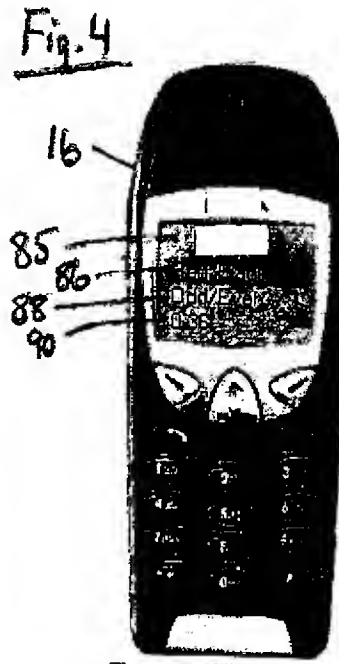
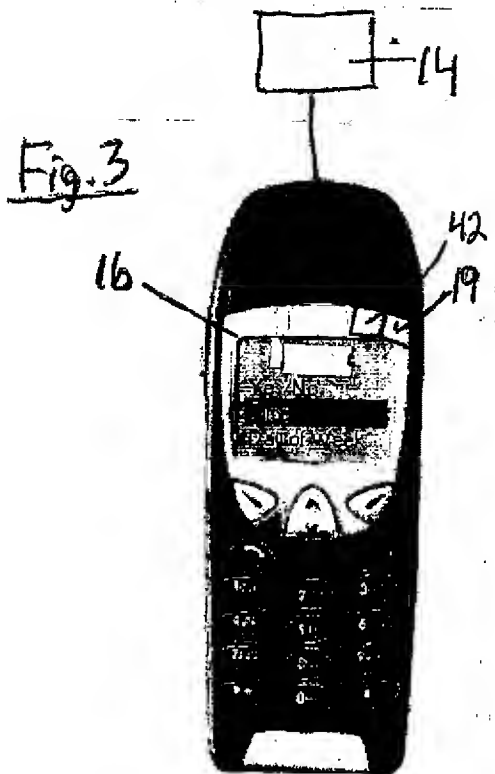


Fig. 2





ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention

METHOD FOR A RANDOM-BASED DECISION-MAKING PROCESS

Submission Type : Provisional Application

Application Number:

60/481807



EFS ID:

52473

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	1807

First Named Applicant: Hugo Cedraeus

Attorney Docket Number: 463.1029PRO

Timestamp: 2003-12-17 15:39:01 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
us-request	4631029PRO-usrequ.xml	1085	2003-12-17
us-request	us-request.dtd	19064	2003-12-17
us-request	us-request.xml	33300	2003-12-17
us-fee-sheet	4631029PRO-usfees.xml	1356	2003-12-17
us-fee-sheet	us-fee-sheet.xml	24912	2003-12-17
us-fee-sheet	us-fee-sheet.dtd	11069	2003-12-17
application-body	4631029PRO-trans.xml	17558	2003-12-17
application-body	us-application-body.xml	83497	2003-12-17
application-body	application-body.dtd	49498	2003-12-17
application-body	wipo.ent	4956	2003-12-17
application-body	mathml2.dtd	54588	2003-12-17
application-body	mathml2-qname-1.mod	13225	2003-12-17
application-body	isoamsa.ent	5191	2003-12-17
application-body	isoamsb.ent	3988	2003-12-17
application-body	isoamsc.ent	1460	2003-12-17
application-body	isoamsn.ent	5620	2003-12-17
application-body	isoamso.ent	1934	2003-12-17
application-body	isoamsr.ent	7073	2003-12-17
application-body	isogr3.ent	3559	2003-12-17
application-body	isomfrk.ent	4553	2003-12-17
application-body	isomopf.ent	2571	2003-12-17
application-body	isomscr.ent	4628	2003-12-17
application-body	isotech.ent	5268	2003-12-17
application-body	isobox.ent	3568	2003-12-17
application-body	isocyr1.ent	5345	2003-12-17
application-body	isocyr2.ent	2504	2003-12-17
application-body	isodia.ent	1508	2003-12-17
application-body	isolat1.ent	5282	2003-12-17
application-body	isolat2.ent	9007	2003-12-17
application-body	isonum.ent	5913	2003-12-17

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isopub.ent	6621	2003-12-17
application-body	mmlextra.ent	7901	2003-12-17
application-body	mmialias.ent	38209	2003-12-17
application-body	soextblx.dtd	12870	2003-12-17
application-body	figs1and2.tif	40992	2003-12-17
application-body	figs3and4and5and6.tif	31396	2003-12-17
package-data	4631029PRO-pkda.xml	6638	2003-12-17
package-data	package-data.dtd	27025	2003-12-17
package-data	us-package-data.xsl	19263	2003-12-17
Total files size		583995	

Message Digest:

904c76622b8765f35df1697f08a18e72060f03b1

Digital Certificate Holder
Name:

cn=Rolf Fasth,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US